

# Product Datasheet

## Adenosine Deaminase/ADA Antibody - BSA Free NBP1-90361

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 3/4/2026 v.20.1

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**NBP1-90361**

Adenosine Deaminase/ADA Antibody - BSA Free

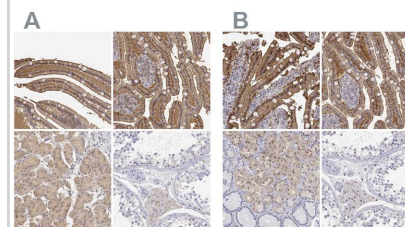
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	100
<b>Gene Symbol</b>	ADA
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (88%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: QVELHVHLDGSIKPETILYYGRRRGIALPANTAEGLLNVIGMDKPLTLPDFLAKF DYMPAIAAGCREAIKRIAYEFVEMKAKEGVVYVEVRYSPHLLANSKVEPIPNWQ AEGDLTPDEVVALVGQGLQEGERDFGVKARSILCC

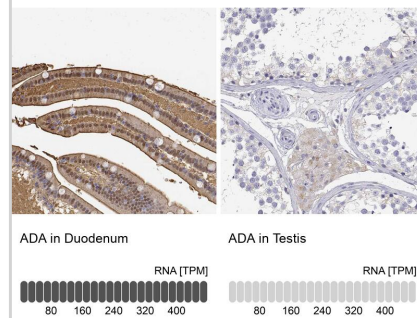
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:5000 - 1:10000
<b>Application Notes</b>	Use in ICC/IF reported in scientific literature (PMID:34445661). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF fixation permeabilization: PFA/Triton X-100.

**Images**

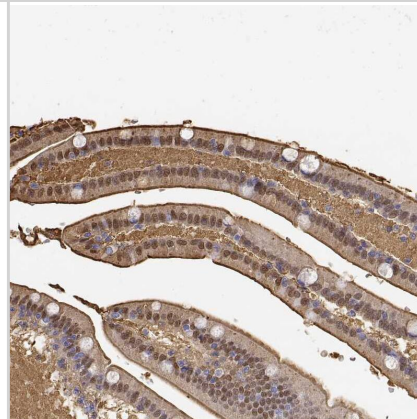
Staining of human duodenum, small intestine, stomach and testis using NBP1-90361 (A) shows similar protein distribution across tissues to independent antibody NBP1-87404 (B).



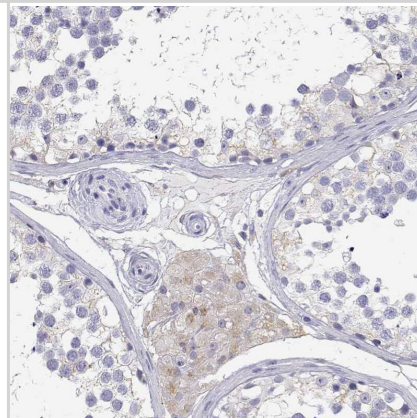
Analysis in human duodenum and testis tissues using NBP1-90361 antibody. Corresponding ADA RNA-seq data are presented for the same tissues.



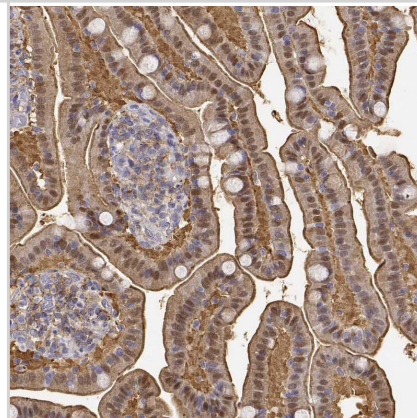
Staining of human duodenum shows strong membranous and cytoplasmic positivity in glandular cells.



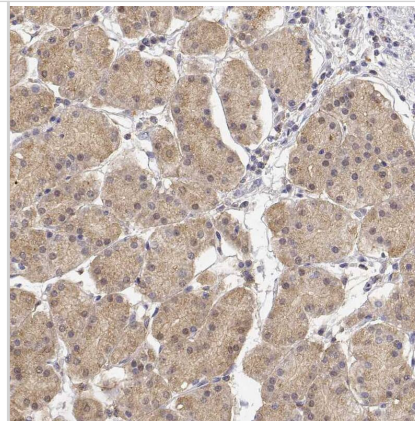
Staining of human testis shows weak cytoplasmic positivity in cells in Leydig cells.



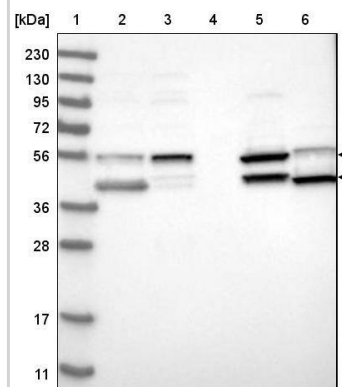
Staining of human small intestine shows strong membranous and cytoplasmic positivity in glandular cells.



Staining of human stomach shows moderate cytoplasmic positivity in glandular cells.



Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11  
 Lane 2: Human cell line RT-4  
 Lane 3: Human cell line U-251MG sp  
 Lane 4: Human plasma (IgG/HSA depleted)  
 Lane 5: Human liver tissue  
 Lane 6: Human tonsil tissue



## Publications

Sohn R, Junker M, Meurer A Et al. Anti-Inflammatory Effects of Endogenously Released Adenosine in Synovial Cells of Osteoarthritis and Rheumatoid Arthritis Patients International journal of molecular sciences 2021-08-19 [PMID: 34445661] (ICC/IF, Human)



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### **Products Related to NBP1-90361**

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NBP1-90361PEP	Adenosine Deaminase/ADA Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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